## COMBINET DECLARATION / POWER OF ATTORNEY

ATTORNEY DOCKET NO.:PA010248

| AS BELOW NAMED INVENTOR, I HEI  | REBY DECLARE THAT:   | This Declaration is of the follow   | ving type:   |  |
|---|--|---|--|--|
| ○ Original       ○ Continuation   | ☐ Supplemental   | ☐ Continuation-In-Part ☐ National Stage of PCT  | ☐ Divisional   |  |
| My residence, post office address and citiz one name is listed below) or an original, f which a patent is sought on the invention INPUT MULTIPLE-OUTPUT (MIMO) C  | irst and joint inventor (if p<br>METHOD AND APPARA   | lural names are listed below) of TUS FOR ALLOCATING DOV   | the subject matter which is claimed and  | d for  |
| is attached hereto. was filed on 05/16/2001 as Serial No was amended on (if applicable) was described and claimed in PCT Is   | e).  | o. filed on and as a  | mended under PCT Article 19 on   |  |
| I hereby state that I have reviewed and ur<br>amendment referred to above. I acknow<br>accordance with Title 37, Code of Federal  | ledge the duty to disclose   | he above-identified specification<br>e information which is material  | i, including the claims, as amended by to the examination of this application  | / any<br>on in   |
| I hereby claim foreign priority benefits a<br>certificate or of any PCT International app<br>have also identified below any foreign ap<br>least one country other than the United<br>application(s) of which priority is claimed.   | olication(s) designating at<br>plication(s) for patent or i<br>States of America filed b   | least one country other than the nventor's certificate or any PCT   | United States of America listed below International application(s) designation   | and and  |
|   |  |   | Priority Claimed   |  |
| (Country) (A  | pplication No.)  | (Day/Month/Year/Filed)  | (Yes) (No)   | )  |
| I hereby claim the benefit under Title 35 I<br>the claims of this application is not discle<br>USC 112, I acknowledge the duty to discle<br>the prior application and the national or Po  | osed in the prior United Si<br>ose material information as   | tates application in the manner is defined in Title 37 CFR 1.56(a   | provided by the first paragraph of Titl  | le 35  |
| (Serial No.)  |  | (Filing Date)   | (Status)   |  |
| I hereby appoint the following attorneys at Office connected therewith: Russell B. M Charles D. Brown, Reg. No. 28,285, The 42,181, Tom Streeter, Reg. No. 32,007, C No. 42,977, Byron Yafuso, Reg. No. 45,2 39,291, Sandip S. Minhas, Reg. No. 44,94 Reg. No. 42,311, Albert J. Harnois, Reg. DeAngelo, Reg. No. 47,288 and Abdollah and address all correspondence to: Sar Morehouse Drive, San Diego, California Sandraham | filler, Reg. No. 31.122, Gromas R. Rouse, Reg. No. Christopher O. Edwards, R 44, Raymond B. Hom, Re 15, Michael D. Hartogs, R No. 46,123, Sandra L. Go Katbab, Reg. No. 45,325. ah Kirkpatrick, Manager, | egory D. Ogrod, Reg. No. 30,88<br>40,793, Kent D. Baker, Reg. N<br>eg. No. 36,127, Pavel Kalousek<br>g. No. 44,773, Sean English, Re<br>eg. No. 36,547, Philip R. Wadsv<br>dsey, Reg. No. 42,589, George<br>Please direct all telephone calls | 30, Bruce W. Greenhaus, Reg. No. 37, o. 38,822, Thomas M. Thibault, Reg. Reg. No. 44,178, Kyong H. Macek, g. No. 37,319, Roger W. Martin, Reg. worth, Reg. No. 29,219, S. Hossain Be C. Pappas, Reg. No. 35,065, Maryanr to Philip R. Wadsworth at (858) 651-4 | ,339,<br>. No.<br>Reg.<br>. No.<br>eladi,<br>ne E.<br>4404 |
| I hereby declare that all statements made<br>believed to be true; and further that thes<br>punishable by fine or imprisonment, or bo-<br>jeopardize the validity of the application o   | e statements were made v<br>th, under Section 1001 of T  | vith the knowledge that willful<br>Title 18 of the United States Cod-   | false statements and the like so made  | е аге  |
| Full Name of First or Sole Inventor   | Inventor   | Signature   | Date   |  |
| Jay R. Walton   |  | 1. W  | 7-31-01  |  |
| Residence 7 Ledgewood Drive, Westford,  | Magazahusatta 0100   | ·<br>1 <i>C</i>   | Citizenship  |  |
| , , , , , , , , , , , , , , , , , , ,   |  | (h)   | USA  | 1  |

7 Ledgewood Drive, Westford, Massachusetts 01886

| Full Name of Second or Joint Inventor            | Inventor Signature | Date         |  |  |  |
|--|--------------------|--------------|--|--|--|
| Mark Wallace                                     | Mrs. Ul            | 7-31-2001    |  |  |  |
| Residence  | Citizenship        |              |  |  |  |
| 4 Madel Lane, Bedford, Massachusetts 0173        | USA                |              |  |  |  |
| Post Office Address                              |                    |              |  |  |  |
| 4 Madel Lane, Bedford, Massachusetts 0173        | •                  |              |  |  |  |
| Full Name of Third or Joint Inventor             | Inventor Signature | Date         |  |  |  |
| Steven J. Howard                                 | Steven Goward      | July 31 2001 |  |  |  |
| Residence ( Citizenship (                        |                    |              |  |  |  |
| 75 Heritage Avenue, Ashland, Massachusett        | USA                |              |  |  |  |
| Post Office Address                              |                    |              |  |  |  |
| 75 Heritage Avenue, Ashland, Massachusetts 01721 |                    |              |  |  |  |